INTERNATIONAL CIVIL AVIATION ORGANIZATION

REPORT OF THE FOURTEENTH MEETING OF THE
ASIA/PACIFIC AIR NAVIGATION PLANNING AND IMPLEMENTATION
REGIONAL GROUP
(APANPIRG/14)

BANGKOK, THAILAND - 4 – 8 AUGUST 2003

The views expressed in this Report should be taken as those of the APANPIRG and not of the Organization. This Report will be presented to the Air Navigation Commission/Council and any formal action taken will be published in due course as a supplement to the Report.

Approved by the Meeting
and published by the ICAO Asia and Pacific Office

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PART I - HISTORY OF THE MEETING

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1.1   **Introduction**

1.1.1   The Fourteenth Meeting of the Asia/Pacific Air Navigation Planning and Implementation Regional Group (APANPIRG/14) was held in Bangkok, Thailand from 4 to 8 August 2003 at ICAO Asia and Pacific Office.

1.2   **Attendance**

1.2.1   The meeting was attended by 81 participants from 14 Member States, 7 other Contracting States of the ASIA/PAC Regions and 4 International Organizations.

1.2.2   A list of participants is given at Attachment 1 to the Report.

1.3   **Opening of the meeting**

1.3.1   The ICAO Regional Director, Mr. L.B. Shah, in welcoming the participants from the APANPIRG member States, non-member States and the International Organizations, expressed his gratitude to Mr.W.L. Wong, Director General of Civil Aviation Authority of Singapore, for his personal commitment and time despite his hectic schedule and demands and congratulated Singapore on being successfully elected to the ICAO Council.

1.3.2   Mr. Shah noted that international civil aviation was in a state of severe flux having to cope with rising security threats, dwindling resources, newly born public health hazards and the transitioning through the rapidly emerging conceptual changes in aviation technology that had placed very heavy demands on States as well as industries.

1.3.3   He stated that although APANPIRG had made significant achievements in a number of areas, it was now timely that APANPIRG took a fresh look at things in terms of enhancing its efficiency and productivity.

1.3.4   Mr. Shah underscored the very important issue of management of deficiencies, a subject that was given a lot of attention by ICAO Headquarters. He drew the attention of the participants to the lack of progress in resolving deficiencies and their almost perpetual recurrence that had drawn criticism. He hoped that this issue will be dealt with satisfactorily during the current APANIRG/14.

1.3.5   Mr Shah also took the opportunity to thank the Royal Thai Government for their generosity in providing the new Conference Building which will be ready before end of the year. He requested States to contribute items such as artworks, scientific material or souvenirs typically representative of the State.

1.3.6   The Chairperson, Mr. W.L. Wong in welcoming participants informed that the world was confronted with two major events in 2003 that, although not directly related to aviation but nonetheless had such an enormous negative impact on civil aviation, ie. the war on Iraq and the global outbreak of Severe Acute Respiratory Syndrome (SARS). SARS stood as a health phenomenon, virtually unparalleled in the recent history of civil aviation.

1.3.7   He pointed out that although States may be prepared for such eventualities by establishing reliable contingency plans, but it was only through quick actions and timely provision of remedial measures that had saved the day. In the case of SARS, he noted that the fear of the disease was worse than the disease itself. He observed that the onslaught of SARS had given rise to fresh impetus to APANPIRG to address concerns regarding increasing the efficiency and effectiveness of air transport, currently in an extremely fragile state, without causing undue burden on fellow aviation partners.

1.3.8   Mr. Wong thanked the ICAO Regional Office for the excellent arrangements made for the meeting.

1.4   **Officers and Secretariat**

1.4.1   Mr. W.L.Wong, DGCA, Singapore as Chairperson of the Group presided over the meeting.   Mr. Lalit B. Shah, ICAO Regional Director, Asia and Pacific Office, was the Secretary of the meeting assisted by Mr. K. W. Cheong, Regional Officer/AGA from the ICAO Asia and Pacific Office.

1.4.2   The Chairman then invited the meeting for nominations to the positions of the 1st and 2nd Vice-Chairperson of the Group.

1.4.3   The designated member from Malaysia, Mr. Harizan Mohd. Yatim proposed Mr. Liu Ya Jun, Deputy Director General, Air Traffic Management Bureau, Civil Aviation Administration of China for the position of 1st Vice-Chairperson. In proposing , Mr. Harizan highlighted the experience, credentials and achievements of Mr. Liu who was a former alternate representative of China to the ICAO Council and Commissioner of the Air Navigation Commission. The proposal was seconded by the Director General of Civil Aviation, India, Mr. Satendra Singh. The meeting unanimously elected Mr. Liu as the 1st Vice Chairperson.

1.4.4   Ms. Elizabeth Erickson from United States proposed Mr. 'Ahovaleamoemapa Faletau, Secretary for Civil Aviation, Tonga for the position of 2nd Vice Chairperson. In proposing, Ms Erickson noted that Mr. Faletau had, very ably, chaired the recent 5th ICAO Worldwide Air Transport Conference that was held in Montreal, Canada from 24 –28 March 2003. The proposal was seconded by Mr. Jim Shirley, Head of Airspace, Air Traffic and Aerodrome Standards, Civil Aviation Safety Authority, Australia. The meeting unanimously elected Mr. Faletau as the 2nd Vice-Chairperson of the Group.

1.4.5   The meeting was also assisted by Mr. Shaukat A. Ali, Deputy Regional Director, Mr. H.V. Sudarshan, Regional Affairs Officer, ICAO Headquarters, Mr. Dimitar Ivanov, Regional Officer/MET, Mr. J.E. Richardson and Mr. David Moores, Regional Officers/ATM, Mr. K.P. Rimal and Mr. Li Peng, Regional Officers/CNS, Dr. Paul Hooper, Regional Officer/AT and Ms. Sarangtip Sundarachampaka Regional Officer/Administration from the ICAO Asia and Pacific Office.

1.5   **Agenda of the meeting**

1.5.1   The meeting adopted the following agenda:

          Agenda Item 1   Review of Council and ANC actions on APANPIRG/13 Report

          Agenda Item 2   ASIA/PAC Air Navigation System and Related Activities

                    2.1   ATS/AIS/SAR Matters

                    2.2   CNS/MET Matters

2.3   ATS Co-ordination Groups' Activities

2.4   Other Air Navigation Matters

Agenda Item 3   CNS/ATM Implementation and Related Activities

Agenda Item 4   Deficiencies in the Air Navigation Field

Agenda Item 5   Review of Outstanding Conclusions and Decisions of
APANPIRG

Agenda Item 6   Develop Future Work Programme

Agenda Item 7   Any other business

1.6 **Presentation on History of APANPIRG**

1.6.1   The Meeting was apprised that during discussions between the Council members and Chief of the Regional Affairs Office, ICAO Headquarters, a request was made to arrange a presentation on the African Planning and Implementation Regional Group (APIRG) dealing with such matters as its history, processes and achievements. It was felt that such a presentation would also be useful in revisiting some of the issues pertaining to APANPIRG.

1.6.2   With this objective in mind, Mr. Shah provided a power-point presentation on the "History of APANPIRG". The meeting was apprised on, inter alia, the establishment of APANPIRG in 1991, members of the Group, frequency of meetings, Terms of Reference, the important role of Contributory Bodies and the achievements of APANPIRG.

1.6.3   The Meeting was briefed on entire review process commencing from the deliberations of APANPIRG as contained in the Report to the review by the Air Navigation Commission Working Group on Regional Plans (ANC WG-RPL) and its subsequent validation by the ANC and approval by the ICAO Council.

1.7 **Working Arrangements, Language and Documentation**

1.7.1   The Group met as a single body throughout the meeting. The working language of the meeting was English inclusive of all documentation and this Report. Information Papers (IPs) and Working Papers (WPs) presented at the meeting are listed in the Attachment 2 to this Report.

1.8 **Conclusions and Decisions - Definition**

1.8.1   The APANPIRG records its actions in the form of Conclusions and Decisions with the following significance:

1)   Conclusions deal with matters which, in accordance with the Group's Terms of Reference, require the attention of States or actions by ICAO in accordance with established procedures; and

2)   Decisions deal with matters of concern only to the APANPIRG and its contributory bodies.

List of Conclusions and Decisions are given on pages i-5 to i-8.

1.9   **Terms of Reference of APANPIRG**

1.9.1   The revised Terms of Reference of APANPIRG approved by the Council of ICAO (4th
Meeting of its 159th Session on 28 February 2000) are as follows

The objectives of the Group are to:

a)   ensure the continuous and coherent development of the plans for ASIA/PAC
Region and ensure harmonization with global plan and those of adjacent regions;

b)   develop proposals for improvements in the implementation of the ASIA/PAC Air
Navigation Plan on the basis of new technological developments;

c)   identify specific problems in the air navigation field and propose in appropriate
form, action aimed at solving these problems; and

d)   develop, with due regard to the primacy of safety, business cases for various
options taking into account the environmental benefits and the need to facilitate
financing of preferred options in planning and implementation of air navigation
facilities.

To meet these objectives the Group shall:

(a)   keep under review, and propose when necessary target dates for implementation
of facilities, services and procedures. This will ensure the co-ordinated
development of the Air Navigation System in the ASIA/PAC Region;

(b)   assist the ICAO Regional Office providing services in the ASIA/PAC Region in
its assigned task of fostering implementation of the ASIA/PAC Regional Air
Navigation Plan;

(c)   monitor developments in the air navigation field and develop proposals for
consequential improvements in air navigation in the ASIA/PAC Region;

(d)   review any shortcomings in the Asia and Pacific Regional Air Navigation System
and develop recommendations for remedial action;

(e)   originate, as necessary, in co-ordination with affected State, amendments to the
Plan for the ASIA/PAC Regions;

(f)   keep under review the Statement of Basic Operational Requirements and
Planning Criteria. Recommend to the Air Navigation Commission such changes
to them as may be required in the light of developments mentioned in (c); and

(g)   use an appropriate mechanism to prepare cost/benefit analysis and business cases
inclusive of environmental assessments and provide related guidance material in
support of "prototype" sets of planned facilities and services. The Group may
utilize the services of financial institutions, as required, on a consultative basis.

List of Conclusions

Conclusions 14/1   -   **Review of the ICAO Flight Plan to include aircraft RNP type approval status**

Conclusions 14/2   -   **Revision of the *Guidance Material on CNS/ATM Operations in the Asia/Pacific Region***

Conclusions 14/3   -   **ASIA/PAC Interface Control Document (ICD) for ATS Interfacility Data Communications (AIDC)**

Conclusions 14/4   -   **Circulation of amendment proposal APAC 99/9-ATS to the APAC ANP (Doc 9673)**

Conclusions 14/5   -   **ATS Route Network Review Task Force**

Conclusions 14/6   -   **Implementation of ACAS II and pressure-altitude reporting transponders in the Asia Pacific Region**

Conclusions 14/7   -   **Implementation of a 2 NM lateral offset procedure**

Conclusions 14/9   -   **AIRAC provisions**

Conclusions 14/10   -   **MET support to ATM large-scale weather deviations contingency procedures**

Conclusions 14/12   -   **ASIA/PAC Interface Control Document (ICD) for ATN Router**

Conclusions 14/13   -   **ATN Documentation Tree**

Conclusions 14/14   -   **ASIA/PAC ATN Inter Domain Routing Policy (IDRP)**

Conclusions 14/15   -   **Use of Public Internet to support AFTN**

Conclusions 14/17   -   **Use of SATCOM voice for ATS**

Conclusions 14/18   -   **Inclusion of Seoul in MWARA NCA-3**

Conclusions 14/19   -   **Updated Strategy for Precision Approach and Landing Guidance Systems and the Strategy for the Implementation of GNSS Navigation Capability in the ASIA/PAC Region**

Conclusions 14/20   -   **Near term ADS-B Data link selection**

Conclusions 14/21   -   **Target date of ADS-B Implementation**

Conclusions 14/22   -   **Needs for development of ICAO SARPS for ADS-B**

List of Conclusions (Cont'd)

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List of Decisions

Decision 14/8   -   **Reactivation and renaming of the AIS Automation Task Force**

Decision 14/11   -   **Revision to the Title of ATS/AIS/SAR Sub-Group**

Decision 14/16   -   **Updated Subject/Tasks List of the ATN Transition Task Force**

Decision 14/23   -   **Terms of Reference of ADS-B Task Force**

Decision 14/38   -   **Task Force on the implementation of volcanic ash and tropical cyclone advisories and warnings (VA/TC Implementation TF)**

Decision 14/43   -   **Update Subject/Tasks List of the CNS/MET Sub-Group**

Decision 14/46   -   **Amendment to the key priorities for implementation of the CNS/ATM systems for the Asia/Pacific Region**

Decision 14/47   -   **Establishment of the Future Directions Task Force (FDTF)**

Decision 14/48   -   **Establishment of the Regional Airspace Monitoring Advisory Group (RASMAG)**

Decision 14/49   -   **To dissolve the Asia/Pacific Airspace Safety Monitoring Task Force**

Decision 14/51   -   **2nd Meeting of the Asia Pacific Deficiency Review Task Force (DRTF/2)**